

(19)  **Canadian  
Intellectual Property  
Office**

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**Office de la Propriété  
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Un organisme  
d'Industrie Canada

(11) **CA 2 304 270**

(13) **A1**

(43) 25.03.1999

(12)

(21) 2 304 270

(22) 05.09.1998

(51) Int. Cl. 7:

**C07C 259/18, A01N 043/10,  
C07D 231/12, C07D 333/24,  
A01N 037/52, C07C 255/53,  
C07C 255/54, A01N 043/56**

(85) 15.03.2000

(86) PCT/EP98/05617

(87) WO99/14187

(30) 197 41 099.5 DE 18.09.1997  
197 53 519.4 DE 03.12.1997  
198 02 459.2 DE 23.01.1998

(71) **BASF AKTIENGESSELLSCHAFT,  
Rheinland-Pfalz  
D-67059, LUDWIGSHAFEN, XX (DE).**

(72) **EICKEN, KARL (DE).  
RHEINHEIMER, JOACHIM (DE).  
STRATHMANN, SIEGFRIED (DE).  
LORENZ, GISELA (DE).  
AMMERMAN, EBERHARD (DE).  
WETTERICH, FRANK (DE).**

(74) **ROBIC**

(54) **DERIVES DE BENZAMIDOXIME, PRODUITS INTERMEDIAIRES ET PROCEDES POUR LES PREPARER ET  
LES UTILISER COMME FONGICIDES**

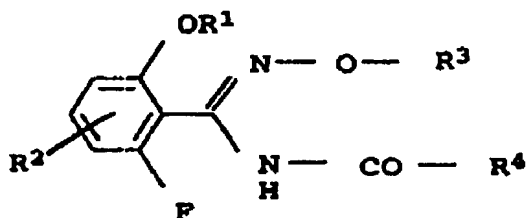
(54) **BENZAMIDOXIM DERIVATIVES, INTERMEDIATE PRODUCTS AND METHODS FOR PREPARING AND USING  
THEM AS FUNGICIDES**

(57)

The invention relates to benzamidoxim derivatives of formula (I) wherein the substituents have the following meanings: R1 represents difluoromethyl or trifluoromethyl, R2 represents hydrogen or fluorine, R3 represents C1-C4 alkyl optionally substituted with cyano, C1-C4 halogenalkyl, C1-C4 alkoxy- C1-C4 alkyl, C3-C6 alkenyl, C3-C6 halogenalkenyl, C3-C6 alkynyl, C3-C8 cycloalkyl- C1-C4 alkyl, R4 represents phenyl- C1-C6 alkyl, which can carry one or more substituents selected from the group composed of halogen, C1-C4 alkyl, C1-C4 halogenalkyl, C1-C4 alkoxy or C1-C4 halogenalkoxy on the phenyl ring, or thienyl- C1-C4 alkyl, which can carry one or more substituents selected from the group composed of halogen, C1-C4 alkyl, C1-C4 halogenalkyl, C1-C4 alkoxy or C1-C4 halogenalkoxy on the thienyl ring, or pyrazol- C1-C4 alkyl, which can carry one or more substituents selected from the group composed of halogen, C1- C4 alkyl, C1-C4 halogenalkyl, C1-C4 alkoxy or C1-C4 halogenalkoxy on the pyrazol ring. The invention also relates to intermediate products for the preparation of these derivatives and to their use as fungicides.



- (72) EICKEN, KARL, DE  
(72) RHEINHEIMER, JOACHIM, DE  
(72) WETTERICH, FRANK, DE  
(72) AMMERMAN, EBERHARD, DE  
(72) LORENZ, GISELA, DE  
(72) STRATHMANN, SIEGFRIED, DE  
(71) BASF AKTIENGESELLSCHAFT, DE  
(51) Int.Cl.<sup>7</sup> C07C 259/18, A01N 43/56, C07C 255/54, A01N 43/10,  
C07C 255/53, A01N 37/52, C07D 333/24, C07D 231/12  
(30) 1997/09/18 (197 41 099.5) DE  
(30) 1997/12/03 (197 53 519.4) DE  
(30) 1998/01/23 (198 02 459.2) DE  
(54) **DÉRIVÉS DE BENZAMIDOXIME, PRODUITS  
INTERMÉDIAIRES ET PROCÉDES POUR LES PRÉPARER ET  
LES UTILISER COMME FONGICIDES**  
(54) **BENZAMIDOXIM DERIVATIVES, INTERMEDIATE  
PRODUCTS AND METHODS FOR PREPARING AND USING  
THEM AS FUNGICIDES**



(I)

(57) L'invention concerne des dérivés de benzamidoxime de la formule (I) où les substituants ont les significations suivantes: R<sup>1</sup> désigne difluorométhyle ou trifluorométhyle, R<sup>2</sup> désigne hydrogène ou fluor, R<sup>3</sup> désigne alkyle C<sub>1</sub>-C<sub>4</sub> pouvant être substitué par cyano, halogénure d'alkyle C<sub>1</sub>-C<sub>4</sub>, alcoxy C<sub>1</sub>-C<sub>4</sub>-alkyle C<sub>1</sub>-

(57) The invention relates to benzamidoxime derivatives of formula (I) wherein the substituents have the following meanings: R<sup>1</sup> represents difluoromethyl or trifluoromethyl, R<sup>2</sup> represents hydrogen or fluorine, R<sup>3</sup> represents C<sub>1</sub>-C<sub>4</sub> alkyl optionally substituted with cyano, C<sub>1</sub>-C<sub>4</sub> halogenalkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy-C<sub>1</sub>-C<sub>4</sub> alkyl,





(21) (A1) **2,304,270**

(86) 1998/09/05

(87) 1999/03/25

C<sub>4</sub>, alkényle C<sub>3</sub>-C<sub>6</sub>, halogénure d'alkényle C<sub>3</sub>-C<sub>6</sub>, alkynyle C<sub>3</sub>-C<sub>6</sub>, cycloalkyle C<sub>3</sub>-C<sub>8</sub>-alkyle C<sub>1</sub>-C<sub>4</sub>, R<sup>4</sup> désigne phényle-alkyle C<sub>1</sub>-C<sub>6</sub> qui peut porter sur le composé cyclique phényle un ou plusieurs substituants sélectionnés dans le groupe comprenant halogène, alkyle C<sub>1</sub>-C<sub>4</sub>, halogénure d'alkyle C<sub>1</sub>-C<sub>4</sub>, alcoxy C<sub>1</sub>-C<sub>4</sub> ou halogénure d'alcoxy C<sub>1</sub>-C<sub>4</sub>, ou thiényle-alkyle C<sub>1</sub>-C<sub>4</sub> qui peut porter sur le composé cyclique thiényle un ou plusieurs substituants sélectionnés dans le groupe comprenant halogène, alkyle C<sub>1</sub>-C<sub>4</sub>, halogénure d'alkyle C<sub>1</sub>-C<sub>4</sub>, alcoxy C<sub>1</sub>-C<sub>4</sub> ou halogénure d'alcoxy C<sub>1</sub>-C<sub>4</sub>, ou pyrazol-alkyle C<sub>1</sub>-C<sub>4</sub> qui peut porter sur le composé cyclique pyrazol un ou plusieurs substituants sélectionnés dans le groupe comprenant halogène, alkyle C<sub>1</sub>-C<sub>4</sub>, halogénure d'alkyle C<sub>1</sub>-C<sub>4</sub>, alcoxy C<sub>1</sub>-C<sub>4</sub> ou halogénure d'alcoxy C<sub>1</sub>-C<sub>4</sub>. L'invention concerne en outre des produits intermédiaires utilisés pour préparer lesdits dérivés de benzamidoxime, ainsi que leur utilisation comme fongicides.

C<sub>3</sub>-C<sub>6</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> halogenalkenyl, C<sub>3</sub>-C<sub>6</sub> alkynyl, C<sub>3</sub>-C<sub>8</sub> cycloalkyl- C<sub>1</sub>-C<sub>4</sub> alkyl, R<sup>4</sup> represents phenyl- C<sub>1</sub>-C<sub>6</sub> alkyl, which can carry one or more substituents selected from the group composed of halogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> halogenalkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy or C<sub>1</sub>-C<sub>4</sub> halogenalkoxy on the phenyl ring, or thienyl- C<sub>1</sub>-C<sub>4</sub> alkyl, which can carry one or more substituents selected from the group composed of halogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> halogenalkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy or C<sub>1</sub>-C<sub>4</sub> halogenalkoxy on the thienyl ring, or pyrazol- C<sub>1</sub>-C<sub>4</sub> alkyl, which can carry one or more substituents selected from the group composed of halogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> halogenalkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy or C<sub>1</sub>-C<sub>4</sub> halogenalkoxy on the pyrazol ring. The invention also relates to intermediate products for the preparation of these derivatives and to their use as fungicides.

